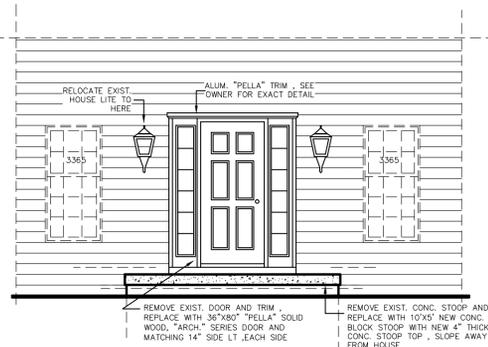






**SOUTH ELEVATION**  
\* TO MATCH EXISTING HOUSE CONSTRUCTION 1/4" = 1'-0"



**NEW FRONT DOOR ELEVATION**  
1/4" = 1'-0"

**RESIDENCE ADDITION FOR:  
ROBERT & KATHERINE KAGLER**

65 MANOR DR. - HUDSON, OHIO 44236

ROB'S CELL # 330-606-9323 P.P. # 3200300

DRAWING INDEX	
1	ELEVATION(S)
2	ELEVATION(S)
3	FIRST FLOOR PLAN
4	SECOND FLOOR PLAN FOUNDATION PLAN
5	ROOF PLAN, FIRST ELECTRICAL
6	WALL DETAILS, SECOND FLOOR PLAN



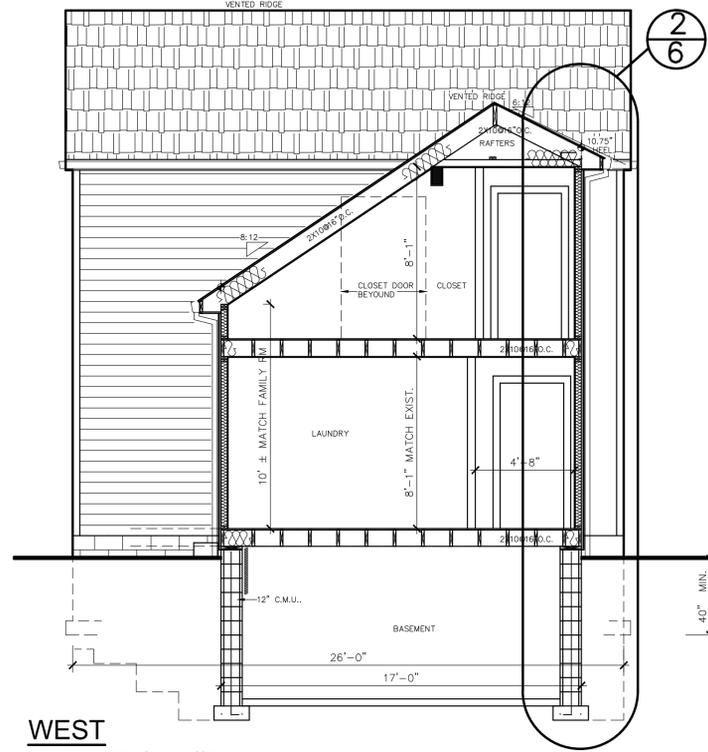
**NORTH ELEVATION**  
\* TO MATCH EXISTING HOUSE CONSTRUCTION 1/4" = 1'-0"

PLANS FOR: ROBERT S. & KATHERINE S. KAGLER

**HOUSE ADDITION**

HUDSON ZONING DISTRICT - RESIDENTIAL USE

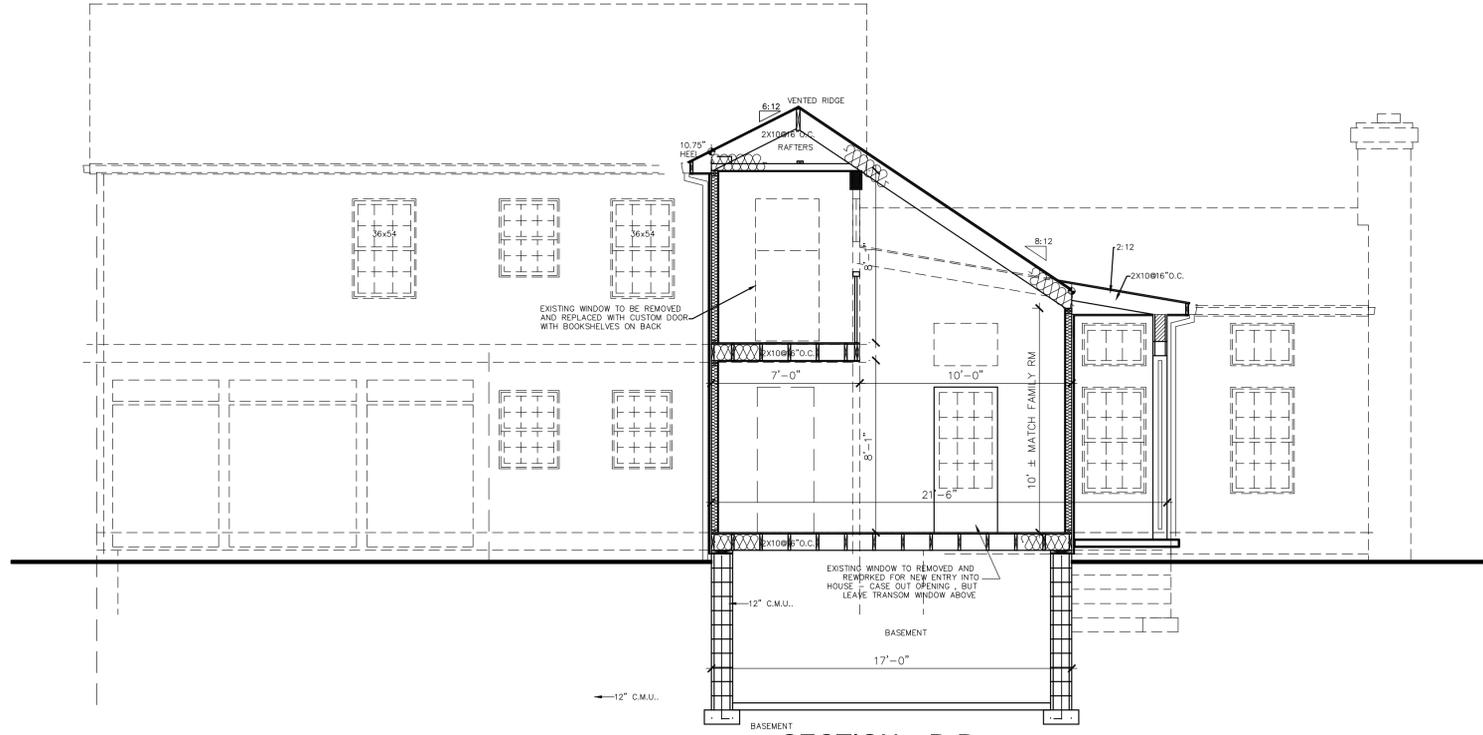
ADDRESS: 65 MANOR DRIVE - HUDSON, OHIO 44236



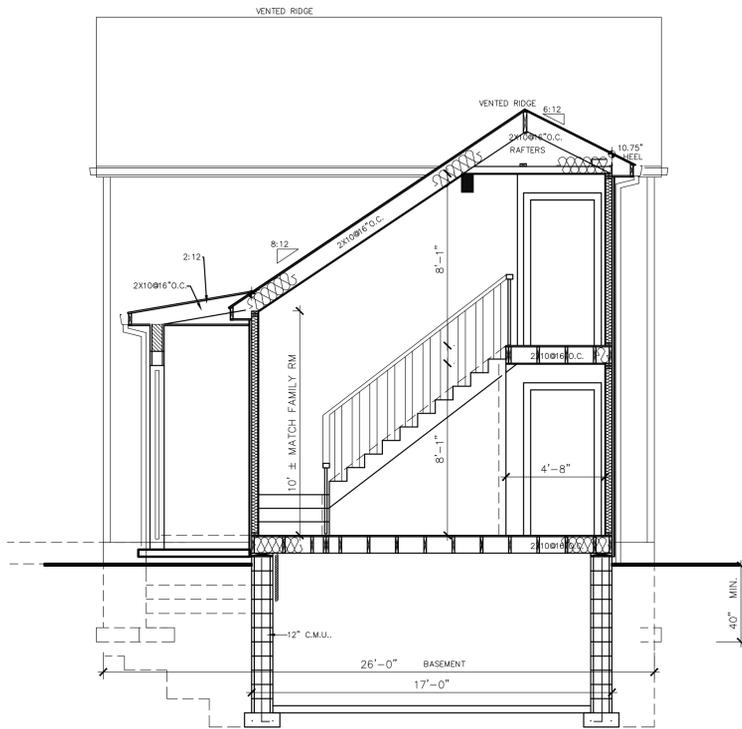
**WEST ELEVATION #3**  
1/4" = 1'-0"

**SECTION C-C**  
1/4" = 1'-0"

\* TO MATCH EXISTING HOUSE CONSTRUCTION



**SECTION D-D**  
1/4" = 1'-0"



**SECTION E-E**  
1/4" = 1'-0"



**EAST ELEVATION**  
\* TO MATCH EXISTING HOUSE CONSTRUCTION 1/4" = 1'-0"

**COSTLOW & ASSOCIATES INC.**

1865 ARNDALE RD., "C"  
STOW, OHIO 44224  
GORDON COSTLOW  
PHONE 330-688-9500

DRAWN BY: G.H.C.

DATE: 4/3/2017  
REVISED 4/28/2017  
REVISED 6/01/2017  
REVISED 12/12/2017  
(CHANGED TO 2 STORY ADDITION)  
REVISED 5/4/2018

PLANS FOR: ROBERT S. & KATHERINE S. MAGLER

**HOUSE ADDITION**

HUDSON ZONING DISTRICT - RESIDENTIAL USE

ADDRESS: 65 MANOR DRIVE - HUDSON, OHIO 44236

R17-05

**WINDOW DETAIL**

"PELLA" - WINDOW  
MATCH EXIST. HOUSE  
ARCH. & DESIGNER SERIES  
DOUBLE HUNG FULL FRAME  
SIZES ON PLANS  
INTERIOR - MATCH EXIST. HOUSE  
GLAZING - LOW E INSULATED - ARGON  
MIN. U-FACTOR = 0.35  
BLACK FULL SCREEN

**PROPOSED FIRST FLOOR PLAN**  
1/4" = 1'-0"

- NOTES:**
- ALL WORK TO BE CONSTRUCTED UNDER CITY OF HUDSON AND OR SUMMIT CO. INSPECTION. BUILDING MATERIALS AND CONSTRUCTION TO MEET LOCAL CODES AND OHIO BASIC BUILDING CODE. ALL PROPER PERMITS MUST BE OBTAINED FOR ALL CONSTRUCTION WORK (WHICH HAS BEEN APPROVED BY PROPER DEPARTMENTS) PRIOR TO ANY CONSTRUCTION. ALL CONTRACTORS INCLUDING GENERAL, H.V.A.C., ELECTRICAL, PLUMBING AND FIRE SUPPRESSION MUST BE LICENSED TO DO WORK WITHIN THE GOVERNING MUNICIPALITY.
  - THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO SHOW ALL WORK COMPLETE AND FUNCTIONING PROJECT, EVEN THOUGH EVERY ITEM INCIDENTAL TO THE WORK MAY NOT BE COMPLETELY DETAILED. IT IS ASSUMED THAT THE CONTRACTORS ARE SUFFICIENTLY SKILLED AND EXPERIENCED IN THEIR WORK TO ANTICIPATE THE NORMAL REQUIREMENTS OF A COMPLETE JOB. ALL SECTIONS, DETAILS, AND NOTES ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE, UNLESS OTHERWISE SHOWN. WHERE METHODS OF INSTALLATION ARE NOT COMPLETELY COVERED ON THE DRAWINGS OR SPECIFICATIONS, THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S LATEST WRITTEN SPEC'S.
  - BY SUBMITTING BID TO OWNER, BIDDER INDICATES THAT HE HAS EXAMINED THE SITE AND THESE DRAWINGS THOROUGHLY AND HAS FAMILIARIZED HIMSELF WITH ALL FACTORS THAT MAY AFFECT COST, PROGRESS OR PERFORMANCE OF WORK.
  - THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL THE REQUIRED INSPECTIONS AND SHALL NOTIFY OFFICIALS WELL IN ADVANCE OF ALL SUCH INSPECTIONS.
  - CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL DEBRIS AND GARBAGE RESULTING FROM THE EXECUTION OF THE WORK IN THIS PROJECT PRIOR TO ISSUANCE OF FINAL PAYMENT.
  - THESE DRAWINGS INDICATE INTENT ONLY. ALL CONTRACTORS SHALL FIELD VERIFY AND APPROVE ALL DIMENSIONS, LOCATIONS AND ALL EXISTING CONDITIONS AFFECTING THIS PROJECT PRIOR TO EXECUTION OF WORK.

2013 RESIDENTIAL CODE OHIO ENERGY COMPLIANCE PATH OPTIONS FOR CLIMATE ZONE 5

OPTION 3 - RCD 1105 (OHBA)		OPTION 3B - OHBA PATH 2	
MIN. FENESTRATION U-FACTOR (ALL GLASS, EXCEPT SKYLIGHTS)	0.32	ACCESS DOORS FROM CONDITIONED SPACES TO UNCONDITIONED SPACE SHALL BE WEATHER-STRIPPED	YES
SKYLIGHT FENESTRATION	0.60	CIRCULATING HOT WATER SYSTEM PIPING SHALL BE INSULATED TO AT LEAST R-4 FOR SECTION 1102.4	R-2 6 in. 6 ft.
CEILING R VALUE	R-49	MECHANICAL SYSTEM PIPING (FLUIDS ABOVE 105 F OR BELOW 55 F) MUST BE INSULATED TO A MIN. OF R-3	R-3
WOOD FRAMED WALLS R VALUE	R-13	MINIMUM % OF HIGH EFFICIENCY FIXTURES	75 %
MASS WALL R VALUE (14" ABOVE GRADE WALLS OF CMU, JOIST/SOLID TIMBER LOGS)	R-13/ 17	PROGRAMMABLE THERMOSTAT REQUIRED	YES
FLOOR R VALUE	R-30 b	PERMANENT CERT. SHALL BE POSTED ON THE ELECT. PANEL	YES
BASEMENT WALL R VALUE	R-10/ 13 c (min. 48")	FURNACE EFF. RATING	EQUIV. FOR SECTION 1104.0 OF THE IRC
SLAB R VALUE	R-10 @ 2 ft.	AIR CONDITIONER, SEER RATING	
CRAWL SPACE WALL R VALUE	R-10/ 13 c	NOTES:	
BLOWER DOOR TEST	YES	1. "13-4" MEANS R-13 CAVITY INSULATION PLUS R-4 INSULATED SHEATHING	
DUCTS MUST BE TESTED FOR TIGHTNESS (ECC403.2.2)	YES *	2. OR INSULATION SUFFICIENT TO FILL THE FRAMING CAVITY, R-19 MIN.	
SUPPLY DUCTS IN ATTIC SHALL BE SEALED AND INSUL. TO A MIN. OF R-8	R-8	3. 10 / 73 MEANS R-10 CONT. INSULATED SHEATHING ON THE INTERIOR OR EXTERIOR OR R-13 CAVITY INSUL. AT THE INTERIOR OF THE BASEMENT/ CRAWL WALL	
ALL OTHERS DUCTS (OUTSIDE THE BLDG. ENVEL.) SHALL BE SEALED AND INSUL. TO A MIN. OF R-8	R-8	NOTES:	
AIR SEALING (ECC402.4) OF PLATES, WALLS, RECESSED LIGHTING, ETC.	YES	1. BUILDING FRAMING CAVITIES SHALL NOT BE USED AS SUPPLY DUCTS	
WOOD-BURNING FIREPLACES SHALL HAVE GASKETED DOORS AND OUTDOOR COMBUSTION AIR	YES	2. EXCEPTION: PRE-MANUFACTURED FIREPLACE MUST BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS (WHICH MAY OR MAY NOT INCLUDE GASKETED DOORS AND OUTSIDE AIR)	

\* EXCEPTION: DUCT TIGHTNESS TEST IS NOT REQUIRED IF THE AIR HANDLER AND ALL DUCTS ARE LOCATED WITHIN CONDITIONED SPACE.

2. BUILDING FRAMING CAVITIES SHALL NOT BE USED AS SUPPLY DUCTS. EXCEPTION: PRE-MANUFACTURED FIREPLACE MUST BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS (WHICH MAY OR MAY NOT INCLUDE GASKETED DOORS AND OUTSIDE AIR).

(OHBA) OHIO HOME BUILDERS ASSOCIATION, (RCD) RESIDENTIAL CODE OF OHIO (ECC) INTERNATIONAL ENERGY CONSERVATION CODE



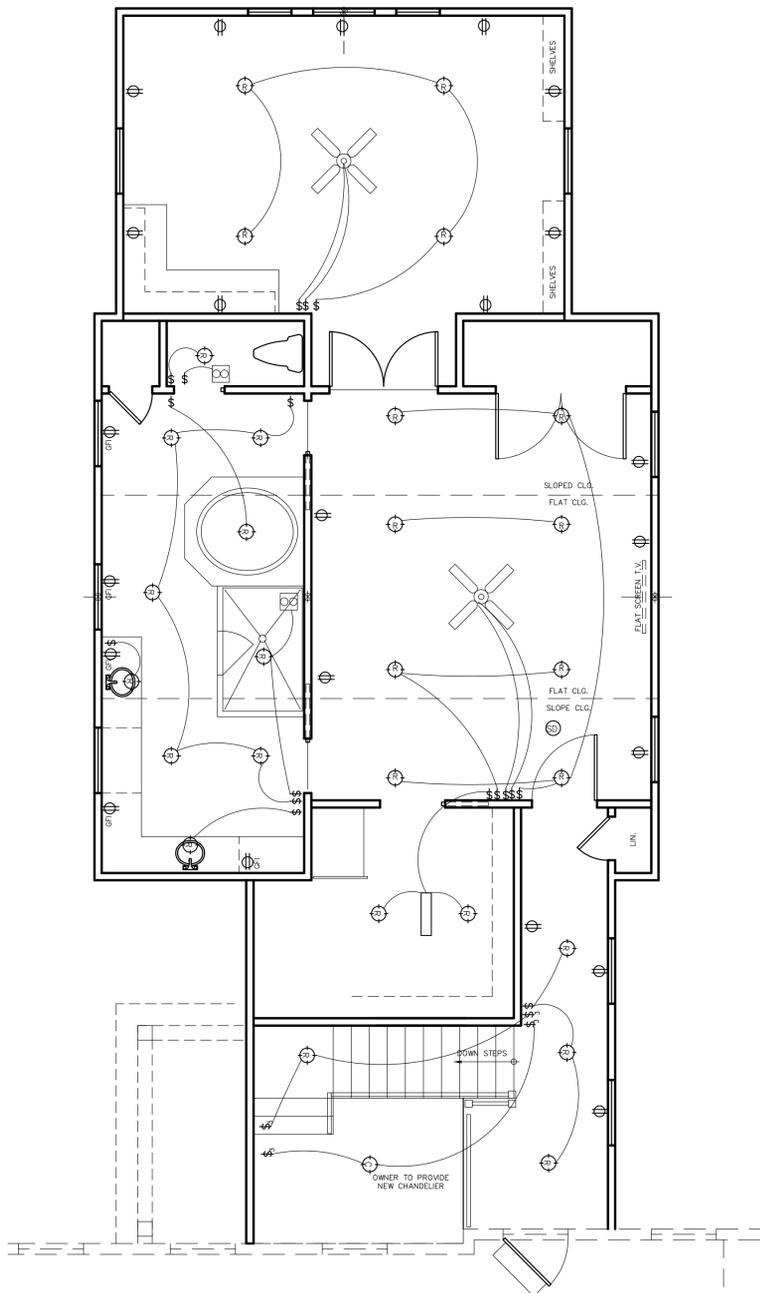


**MECHANICAL LEGEND**

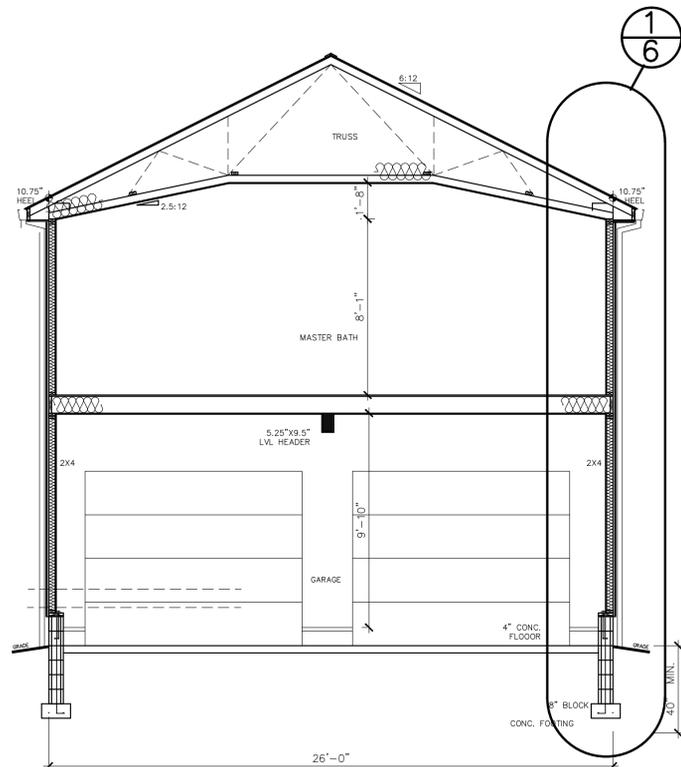
⌘	LIGHT SWITCH
⌚	ELECTRICAL CIRCUIT
⊕	OUTLET-110V
⊕	OUTLET-220V
⊕	OVERHEAD LIGHT / OR RECESSED LIGHT
⊕	WALL SCONES OR BAR LIGHT
⊕	LIGHT / EXHAUST FAN
⊕	SUPPLY DIFFUSER
⊕	RETURN AIR GRILL
---	H.V.A.C. DUCT LINE
⊕	SMOKE DETECTOR
⊕	WALL SCONES
⊕	PULL CHAIN
⊕	FLOOD (EAVE) LIGHT
⊕	LED CLG. MOUNTED LIGHT

⊕ CEILING FAN AND LIGHT  
⊕ CEILING EXHAUST FAN

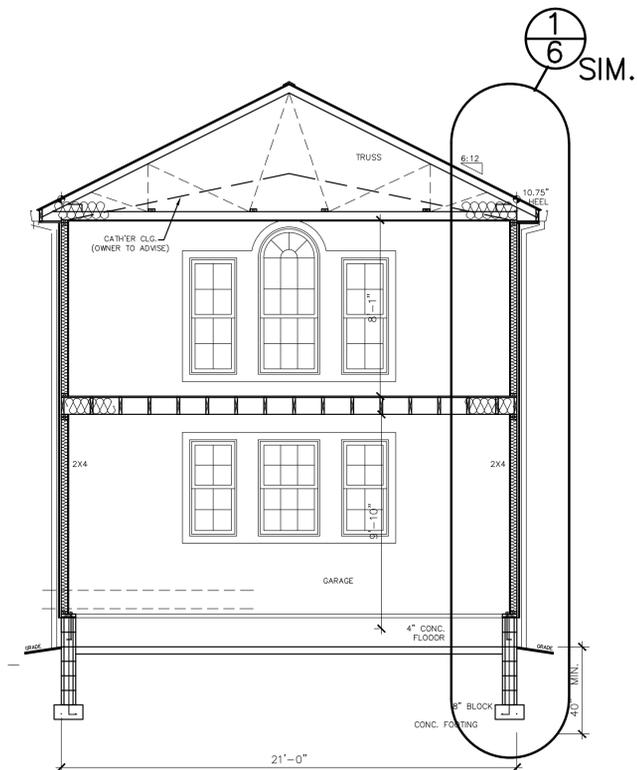
NOTE: ELECTRICAL CONTRACTOR TO REVIEW W/ OWNER / BUILDER TO VERIFY LAYOUT AND MODIFY PER THEIR REQUIREMENTS



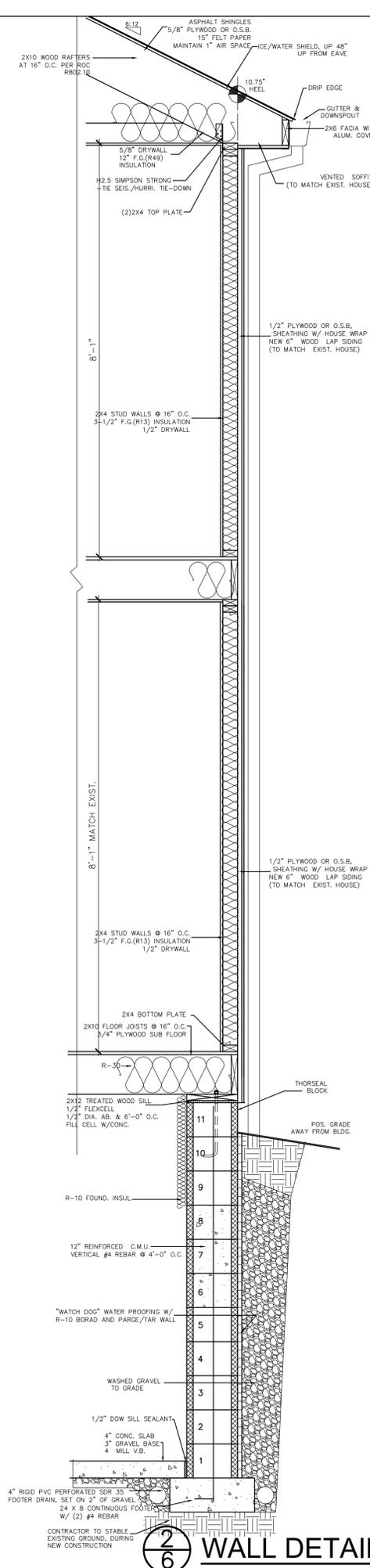
**ELECTRICAL SECOND FLOOR PLAN**



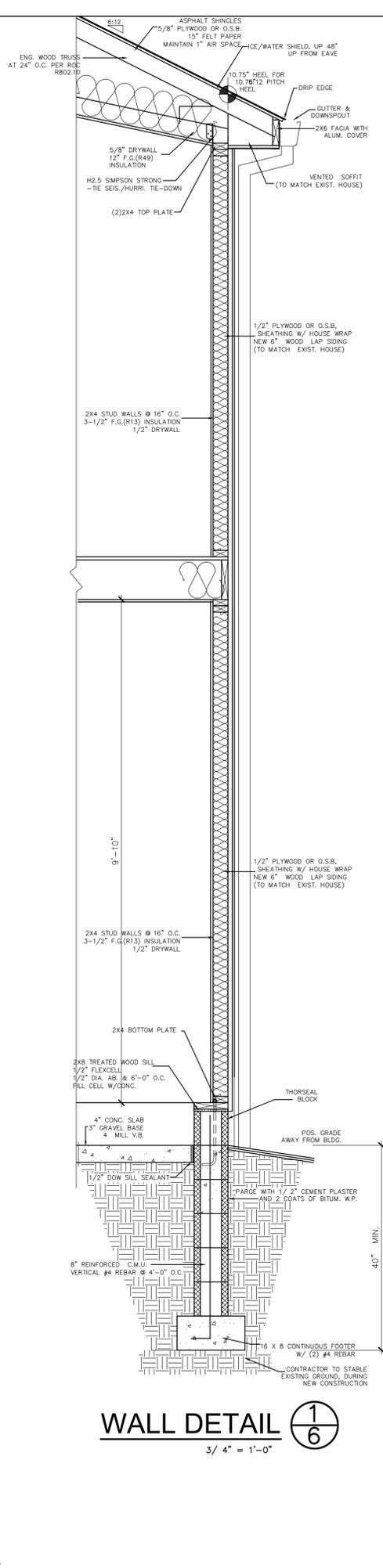
**SECTION B-B**  
1/4" = 1'-0"



**SECTION A-A**  
1/4" = 1'-0"



**WALL DETAIL 1/6**  
3/4" = 1'-0"



**WALL DETAIL 2/6**  
3/4" = 1'-0"

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REVISED 5/4/2018

ELANS, EGB: ROBERT S. & KATHERINE S. KAGLER  
**HOUSE ADDITION**  
HUDSON ZONING DISTRICT - RESIDENTIAL USE  
ADDRESS: 65 MANOR DRIVE - HUDSON, OHIO 44236

R17-05

# RIVERSIDE

## Here's what I'm thinking...

"What I liked best about my experience with Alpine Structures was the on time delivery and friendly employees."

Gary from Canal Fulton, OH  
September 2016

10x14 Riverside  
options shown:  
dimensional shingles  
transom windows  
vinyl flowerboxes  
16" cupola  
weathervane  
treated ramp  
painted avocado green w/beige trim

# Z-Fit Sheds

## "Small Sheds With Big Features"

### STANDARD FEATURES

**FLOOR MODELS** see page 7

Available in Standard, Deluxe or Supreme

**SIDEWALL HEIGHT**

6'6" Sidewalls  
7' and 8' sidewalls optional

**ROOF**

6 Pitch roof  
25 yr shingles  
Aluminum dripedge

**CONSTRUCTION**

2x4" double top-plate  
6" Fascia Trim  
Air Vents

**LOFTS**

4' loft in buildings up to 10' long  
2-4' lofts in buildings over 10' long

**DOORS**

60" double doors with USA made lockset  
12" Decorative hinges

**WINDOWS**

"Z" Shutters

### THREE BUILDING STYLES

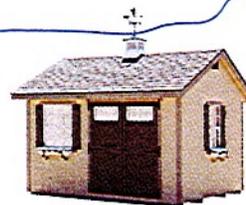
**RIVERSIDE**

60" double doors  
30" single door  
2-24x36" windows



**HERITAGE**

60" double doors  
1-24x36" window  
1-30x36" window



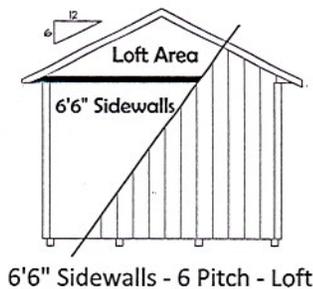
**HOMESTEAD**

60" double doors  
1- Double 30x36" window

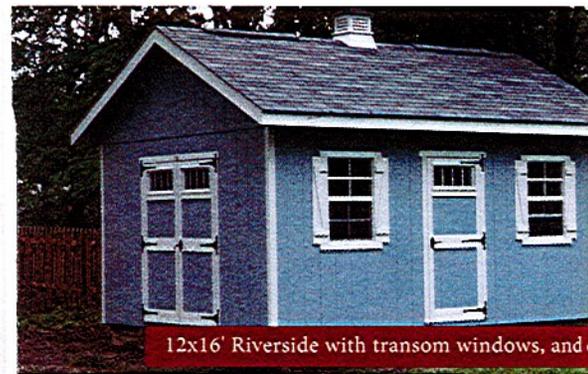


### EZ-FIT SHED SIZES

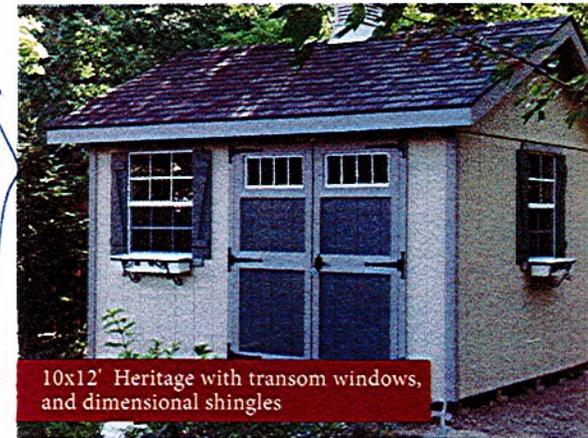
WIDTH	DEPTH								HEIGHT
	8'	10'	12'	14'	16'	20'	24'		
8'	•	•	•						9'9"
10'		•	•	•	•	•			10'3"
12'						•	•	•	10'9"



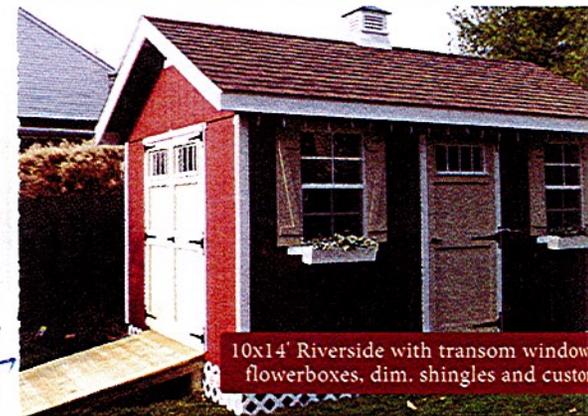
6'6" Sidewalls - 6 Pitch - Loft



12x16' Riverside with transom windows, and c



10x12' Heritage with transom windows, and dimensional shingles



10x14' Riverside with transom windows, flowerboxes, dim. shingles and custom





65











